

Table 27.—Steer and heifer slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2003

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr. ⁴	
	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Firms	Head	Share ²	HHI ³		
	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	- - -	<u>No.</u>	- - -	<u>Mil.</u>	<u>Pct.</u>	<u>Index</u>	<u>Mil.</u>
Concentration based on procurement data reported to GIPSA ⁵																			
1980	23	9.5	35.7	47	13.8	51.4	66	17.1	64.1	103	20.3	75.9	626	561	24.5	91.5	561		26.7
1985	20	14.1	50.2	29	18.0	63.9	50	22.1	78.4	91	25.3	89.9	436	389	27.0	96.0	999		28.1
1990	26	19.1	71.6	36	21.9	82.1	52	24.4	91.5	84	25.5	95.4	310	275	25.8	96.6	1,661		26.7
1995	27	22.8	79.3	32	24.7	86.1	44	26.6	92.9	81	27.2	95.0	216	182	27.3	95.4	1,982		28.7
1997	27	22.8	78.4	33	25.1	86.3	45	27.2	93.4	79	27.7	95.4	195	162	27.8	95.7	1,899		29.1
1998	25	23.1	80.0	32	25.5	88.1	45	27.0	93.6	77	27.5	95.2	165	136	27.6	95.5	1,925		28.9
1999	23	24.0	80.6	29	26.5	88.9	41	28.3	95.0	75	28.8	96.5	157	130	28.8	96.7	1,920		29.8
2000	23	24.6	81.7	29	27.2	90.3	41	29.0	96.2	74	29.3	97.5	143	119	29.4	97.6	1,966		30.1
2001	22	23.8	82.1	28	26.2	90.6	42	27.9	96.4	73	28.2	97.4	142	117	28.2	97.5	1,962		29.0
2002	23	23.2	78.9	30	26.3	89.7	45	27.8	94.7	75	28.0	95.5	129	103	28.1	95.6	1,823		29.4
Concentration based on federally inspected slaughter data ⁶																			
1992	27	20.5	77.8	35	22.8	86.7	48	24.8	94.0	76	25.4	96.3	937	919	25.7	97.6	2,016		26.4
1995	28	23.2	80.8	33	25.2	87.7	45	27.1	94.7	71	27.8	97.0	801	783	28.1	97.9	2,036		28.7
1997	27	23.1	79.5	33	25.5	87.8	45	27.6	95.0	70	28.2	97.1	787	772	28.8	97.9	1,927		29.1
1998	25	23.2	80.4	31	25.4	88.1	43	27.5	95.1	70	28.1	97.3	758	743	28.3	98.1	1,936		28.9
1999	24	24.2	81.3	30	26.8	89.9	42	28.6	95.8	72	29.0	97.4	730	711	29.3	98.2	1,942		29.8
2000	23	24.5	81.4	30	27.2	90.3	42	29.0	96.4	70	29.4	97.6	711	695	29.6	98.3	1,939		30.1
2001	22	23.3	80.4	29	26.4	91.0	41	27.9	96.4	67	28.3	97.6	702	686	28.5	98.3	1,909		29.0
2002	23	23.3	79.2	30	26.5	90.1	42	28.4	96.6	69	28.7	97.6	686	668	28.9	98.3	1,842		29.4
2003	23	23.1	80.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	666	NA	28.7	98.3	NA		28.7

NA denotes data not available. Mil. denotes millions.

¹ Conc. equals concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

² Share equals percentage of total commercial slaughter.

³ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

⁴ Comm. sltr. equals total commercial slaughter of fed and non-fed steers and heifers during the calendar year.

⁵ Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

⁶ Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Packer annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service. (GIPSA-SR-04-1)

Table 28.—Cow and bull slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2003

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr. ⁴	
	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Firms	Head	Share ²	HHI ³		
	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	- - -	<u>No.</u>	- - -	<u>Mil.</u>	<u>Pct.</u>	<u>Index</u>	<u>Mil.</u>
Concentration based on procurement data reported to GIPSA ⁵																			
1980	5	0.7	9.7	14	1.3	18.3	31	2.5	35.2	67	3.9	55.5	622	579	6.3	89.0	89	7.1	
1985	12	1.4	17.2	18	2.2	27.0	32	3.7	45.4	68	5.4	65.7	458	426	7.2	88.9	160	8.1	
1990	9	1.3	20.4	17	2.2	33.2	29	3.8	57.6	64	5.3	81.4	324	307	6.1	93.4	223	6.6	
1995	11	1.6	23.4	18	2.7	38.5	32	4.7	67.6	64	6.1	88.2	219	198	6.5	93.1	293	7.0	
1997	14	2.2	30.6	21	3.4	47.5	35	5.5	75.3	66	6.9	95.2	195	175	7.2	99.6	413	7.3	
1998	14	2.2	32.7	21	3.3	50.7	35	5.3	80.1	65	6.3	95.8	163	146	6.5	98.6	463	6.6	
1999	14	1.8	28.6	18	3.1	48.1	30	4.9	77.3	63	5.8	91.5	152	137	5.9	93.7	391	6.3	
2000	12	2.0	32.0	16	3.2	51.7	29	5.0	81.4	61	5.8	94.7	138	127	5.9	96.4	454	6.1	
2001	8	2.1	33.2	15	3.4	52.4	27	5.0	77.5	62	5.6	87.4	134	122	5.7	88.6	474	6.4	
2002	13	2.8	44.0	17	3.9	61.4	29	5.1	80.7	61	5.6	87.6	124	111	5.6	88.5	640	6.4	
Concentration based on federally inspected slaughter data ⁶																			
1992	12	1.5	23.6	16	2.4	37.3	32	4.1	62.8	62	5.6	86.2	877	866	6.3	97.6	271	6.5	
1995	14	1.9	27.6	19	2.9	42.0	34	4.9	70.0	64	6.3	91.1	752	743	6.8	97.9	346	7.0	
1997	17	2.2	30.2	22	3.3	45.8	37	5.3	72.4	66	6.7	91.9	729	717	7.1	97.9	391	7.3	
1998	18	2.2	32.9	22	3.3	50.0	38	5.1	77.9	67	6.2	93.4	687	671	6.5	98.1	455	6.6	
1999	15	2.0	31.0	23	3.2	50.8	34	5.0	79.5	64	6.0	94.2	660	648	6.2	98.2	437	6.3	
2000	14	2.0	32.0	18	3.2	52.0	32	4.9	79.6	60	5.8	94.5	630	620	6.0	98.3	456	6.1	
2001	15	2.2	34.5	21	3.5	55.4	33	5.4	83.8	61	6.1	95.5	628	617	6.3	98.3	520	6.4	
2002	16	2.5	39.4	22	3.8	60.0	33	5.4	85.4	60	6.1	95.5	605	593	6.3	98.3	598	6.4	
2003	13	3.0	43.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	597	NA	6.7	98.3	NA	6.8	

NA denotes data not available. Mil. denotes millions.

¹ Conc. equals concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

² Share equals percentage of total commercial slaughter.

³ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

⁴ Comm. sltr. equals total commercial slaughter of cows and bulls during the calendar year.

⁵ Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

⁶ Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Packer annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service. (GIPSA-SR-04-1)

Table 29.—Cattle slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2003

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr. ⁴	
	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Firms	Head	Share ²	HHI ³		
	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	- -	<u>-No.-</u>	- -	<u>Mil.</u>	<u>Pct.</u>	<u>Index</u>	<u>Mil.</u>
Concentration based on procurement data reported to GIPSA ⁵																			
1980	23	9.6	28.4	47	14.0	41.3	65	17.6	52.2	108	21.9	64.7	743	667	30.8	91.0	361		33.8
1985	20	14.2	39.0	29	18.0	49.6	55	23.6	65.0	95	28.3	77.9	538	477	34.3	94.4	617		36.3
1990	26	19.5	58.6	37	22.5	67.8	54	26.3	79.0	90	29.7	89.5	387	344	31.9	95.9	1,118		33.2
1995	30	24.0	67.3	36	26.2	73.6	51	29.7	83.4	84	32.7	91.9	279	230	33.8	94.9	1,437		35.6
1997	31	24.4	67.1	38	27.0	74.5	54	31.1	85.6	87	34.0	93.7	258	211	35.0	96.5	1,415		36.3
1998	31	24.6	69.2	39	27.3	77.0	54	30.9	87.2	86	33.4	94.2	216	175	34.1	96.1	1,469		35.5
1999	27	25.1	69.3	34	27.9	77.3	49	31.8	87.8	85	34.3	94.8	203	165	34.8	96.2	1,444		36.2
2000	25	25.2	69.6	35	28.4	78.4	48	32.4	89.5	82	34.9	96.3	189	155	35.3	97.4	1,437		36.2
2001	24	24.3	68.7	34	27.6	78.0	46	31.5	89.0	83	33.6	95.0	188	152	33.9	95.9	1,384		35.4
2002	25	24.5	68.6	36	28.8	80.5	48	31.9	89.2	84	33.5	93.6	169	133	33.7	94.3	1,385		35.7
Concentration based on federally inspected slaughter data ⁶																			
1992	27	21.1	64.3	35	23.7	72.1	51	27.1	82.4	84	30.2	91.8	971	950	32.1	97.6	1,369		32.9
1995	31	24.6	69.0	37	26.9	75.4	52	30.4	85.4	84	33.4	93.7	836	812	34.9	97.9	1,505		35.6
1997	31	24.6	67.6	38	27.2	74.9	54	31.2	85.9	82	34.2	94.1	822	799	35.6	97.9	1,420		36.3
1998	30	24.7	69.5	37	27.1	76.5	52	30.9	87.1	81	33.7	95.0	795	769	34.8	98.1	1,475		35.5
1999	28	25.4	70.4	35	28.3	78.4	49	32.1	88.7	76	34.6	95.8	759	735	35.5	98.2	1,477		36.2
2000	25	25.1	69.4	36	28.5	78.5	49	32.4	89.3	77	34.8	96.1	738	716	35.6	98.3	1,420		36.2
2001	25	24.4	69.0	36	28.4	80.3	48	31.8	89.9	76	34.1	96.3	723	699	34.8	98.3	1,422		35.4
2002	26	24.5	68.5	37	28.7	80.3	48	32.2	90.2	75	34.4	96.3	706	683	35.1	98.3	1,399		35.7
2003	25	24.4	68.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	689	NA	35.3	98.3	NA		35.5

NA denotes data not available. Mil. denotes millions.

¹ Conc. equals concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

² Share equals percentage of total commercial slaughter.

³ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

⁴ Comm. sltr. equals total commercial slaughter of cattle during the calendar year.

⁵ Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

⁶ Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Packer annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service. (GIPSA-SR-04-1)

Table 30.—Calf slaughter concentration: 4, 8, 20, and 50 largest firms, reporting slaughter packers, selected reporting years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr. ⁴	
	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Firms	Head	Share ²	HHI ³		
	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	- -	<u>No.</u>	- -	<u>Mil.</u>	<u>Pct.</u>	<u>Index</u>	<u>Mil.</u>
1980	16	0.8	31.0	20	1.1	44.9	36	1.6	62.5	68	2.0	78.3	295	273	2.2	86.7	339		2.6
1985	22	1.1	31.1	32	1.4	42.6	49	2.1	62.0	101	2.7	78.7	270	219	2.8	83.4	349		3.4
1990	7	0.6	31.1	12	0.8	47.2	41	1.3	71.5	73	1.6	90.6	194	169	1.7	93.8	416		1.8
1995	8	0.4	27.9	16	0.6	43.4	40	1.1	75.2	82	1.3	89.0	133	100	1.3	89.9	383		1.4
1997	5	0.3	21.9	10	0.6	38.0	31	1.0	66.5	70	1.2	77.9	111	90	1.2	78.4	268		1.6
1998	5	0.3	23.6	9	0.6	41.8	26	1.0	71.2	56	1.2	79.5	82	76	1.2	79.6	312		1.5
1999	5	0.4	29.6	11	0.6	48.4	29	1.0	75.5	60	1.1	82.6	84	74	1.1	82.7	386		1.3
2000	5	0.4	33.4	9	0.6	54.6	25	0.9	80.1	55	1.0	85.1	69	64	1.0	85.2	467		1.1
2001	5	0.3	33.0	9	0.6	55.2	24	0.8	83.0	54	0.9	87.0	70	66	0.9	87.1	482		1.0
2002	4	0.3	32.8	8	0.5	52.3	23	0.8	77.7	53	0.9	82.2	63	60	0.9	87.1	443		1.0

Mil. denotes millions.

¹ Conc. equals concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

² Share equals percentage of total commercial slaughter. Numerator values are for firms' reporting years.

³ HHI (Herfindahl-Hirshman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

⁴ Comm. sltr. equals total commercial slaughter of calves during the calendar year.

Source: Packer annual reports filed with GIPSA and U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues.

(GIPSA-SR-04-1)

Table 31.—Hog slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2003

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr. ⁴	
	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Firms	Head	Share ²	HHI ³		
	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	<u>No.</u>	<u>Mil.</u>	<u>Pct.</u>	- - -	<u>No.</u>	- - -	<u>Mil.</u>	<u>Pct.</u>	<u>Index</u>	<u>Mil.</u>
Concentration based on procurement data reported to GIPSA ⁵																			
1980	27	32.3	33.6	39	48.9	50.9	60	68.4	71.2	102	85.7	89.2	509	446	92.9	96.7	436		96.1
1985	23	27.2	32.2	32	42.9	50.8	64	68.0	80.5	105	77.4	91.6	403	338	80.4	95.2	456		84.5
1990	16	34.3	40.3	24	49.5	58.1	48	70.5	82.8	88	77.5	91.0	335	290	80.2	94.2	593		85.1
1995	17	43.8	45.5	27	66.8	69.4	42	84.1	87.3	81	89.5	92.9	245	209	91.6	95.1	754		96.3
1997	19	49.9	54.3	28	69.6	75.7	43	82.4	89.6	80	86.1	93.7	218	184	87.8	95.5	969		92.0
1998	18	54.4	53.9	27	76.1	75.4	48	87.7	86.8	79	90.7	89.8	182	152	91.8	90.9	960		101.0
1999	18	57.7	56.8	27	80.6	79.4	43	93.7	92.3	79	97.0	95.5	172	143	98.0	96.5	1,045		101.5
2000	19	55.9	57.1	28	78.6	80.3	48	89.6	91.4	80	92.7	94.6	186	152	93.9	95.8	1,047		98.0
2001	19	55.7	56.9	28	78.1	79.7	44	91.6	93.5	82	94.9	96.9	184	151	96.0	98.0	1,042		98.0
2002	19	56.1	56.0	28	78.9	78.7	43	92.3	92.0	79	95.9	95.6	175	142	97.1	96.8	1,028		100.3
Concentration based on federally inspected slaughter data ⁶																			
1992	17	42.2	44.4	24	59.7	62.9	41	82.1	86.5	75	89.6	94.4	921	908	92.6	97.6	702		94.9
1995	16	44.0	45.7	28	67.5	70.1	43	85.1	88.4	76	91.8	95.3	802	784	94.2	97.8	769		94.2
1997	19	49.8	54.2	26	69.6	75.7	40	84.2	91.6	74	88.2	95.9	767	754	90.2	98.3	976		92.0
1998	18	56.8	56.3	25	78.9	78.1	40	92.5	93.6	75	97.1	96.3	757	744	99.3	98.3	1,036		101.0
1999	18	57.0	56.2	25	79.7	78.5	42	94.3	92.9	74	97.8	96.3	728	708	99.7	98.2	1,020		101.5
2000	19	55.2	56.4	27	78.3	79.9	44	91.5	93.4	77	94.8	96.7	717	696	96.4	98.4	1,033		98.0
2001	19	55.5	56.7	25	77.1	78.7	41	90.8	92.6	73	94.7	96.7	699	680	96.5	98.5	1,035		98.0
2002	16	55.5	55.4	22	77.4	77.2	38	92.4	92.2	71	96.9	96.7	683	670	98.9	98.7	1,005		100.3
2003	19	65.1	64.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	662	NA	101.1	98.8	NA		100.9

NA denotes data not available. Mil. denotes millions.

¹ Conc. equals concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

² Share equals percentage of total commercial slaughter.

³ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

⁴ Comm. sltr. equals total commercial slaughter of hogs during the calendar year.

⁵ Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

⁶ Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Packer annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service.

(GIPSA-SR-04-1)

Table 32.—Sheep and lamb slaughter concentration: 4, 8, 20, and 50 largest firms, selected years, 1980–2003

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Comm. sltr. ⁴
	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Head	Conc. ¹	Plants	Firms	Head	Share ²	HHI ³	
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- -	-No.- -	Mil.	Pct.	Index	Mil.
Concentration based on procurement data reported to GIPSA ⁵																		
1980	8	3.1	55.9	12	4.6	82.8	24	5.3	95.7	54	5.4	97.4	195	190	5.5	97.7	1,050	5.6
1985	6	3.2	51.2	11	4.9	80.2	23	5.9	94.9	53	5.9	96.4	157	154	6.0	96.6	983	6.2
1990	10	4.0	70.2	14	4.4	77.5	26	4.6	80.8	58	4.6	81.6	138	130	4.6	81.8	1,580	5.7
1995	6	3.6	77.9	10	4.1	89.7	22	4.3	94.0	53	4.4	95.6	98	94	4.4	95.6	1,917	4.6
1997	4	2.4	62.4	8	2.9	73.3	20	3.1	79.0	51	3.1	80.6	82	81	3.2	80.6	1,291	3.9
1998	5	2.5	66.8	9	3.1	80.3	21	3.2	85.2	51	3.3	86.2	69	68	3.3	86.2	1,415	3.8
1999	5	2.6	69.2	9	3.0	80.1	21	3.1	84.7	51	3.2	85.8	67	66	3.2	85.8	1,415	3.7
2000	5	2.4	69.8	9	2.8	81.5	22	3.0	85.7	53	3.0	86.6	62	59	3.0	86.6	1,416	3.5
2001	5	2.2	68.8	9	2.6	81.2	21	2.8	85.8	51	2.8	86.6	64	63	2.8	86.6	1,380	3.2
2002	5	2.1	64.2	9	2.5	75.9	21	2.7	80.7	51	2.7	81.5	54	53	2.7	81.5	1,223	3.3
Concentration based on federally inspected slaughter data ⁶																		
1992	8	3.9	71.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	748	NA	5.3	96.2	NA	5.5
1995	6	3.3	71.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	617	NA	4.4	96.2	NA	4.6
1997	5	2.5	64.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	572	NA	3.8	97.7	NA	3.9
1998	5	2.6	68.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	556	NA	3.7	96.5	NA	3.8
1999	5	2.5	67.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	561	NA	3.6	96.1	NA	3.7
2000	5	2.3	67.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	541	NA	3.3	95.6	NA	3.5
2001	5	2.1	66.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	538	NA	3.1	95.1	NA	3.2
2002	5	2.1	65.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	525	NA	3.1	94.1	NA	3.3
2003	4	1.9	65.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	505	NA	2.8	94.2	NA	3.0

NA denotes data not available. Mil. denotes millions.

¹ Conc. equals concentration, which is the percentage of total commercial slaughter accounted for by the firms included in the stated size group.

² Share equals percentage of total commercial slaughter.

³ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total commercial slaughter.

⁴ Comm. sltr. equals total commercial slaughter of sheep and lambs during the calendar year.

⁵ Numerator values are number of head procured for slaughter during each firm's reporting (fiscal) year.

⁶ Numerator values are number of head slaughtered in calendar year. Number of plants may differ from data reported to GIPSA due to timing of plant openings and closings.

Source: Packer annual reports filed with GIPSA; U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; and federally inspected slaughter data from National Agricultural Statistics Service.

(GIPSA-SR-04-1)

Table 33.—Boxed fed beef production concentration: 4, 8, 20, and 50 largest firms, reporting slaughter packers, selected reporting years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Total beef ⁵
	Plants ¹	Head	Conc. ²	Plants ¹	Head	Conc. ²	Plants ¹	Head	Conc. ²	Plants ¹	Head	Conc. ²	Plants ¹	Firms	Head	Share ³	HHI ⁴	
	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	No.	Mil.	Pct.	- - -No.- - -	Mil.	Pct.	Index		Mil.
1980	11	7.2	52.9	22	9.3	67.9	39	11.5	84.1	72	11.9	87.4	97	75	12.0	87.7	1,220	13.7
1984	17	12.1	61.7	23	14.9	75.7	38	17.8	90.6	71	18.5	93.9	94	73	18.5	94.2	1,439	19.6
1985	15	12.8	61.5	24	16.4	78.7	39	19.4	93.2	72	20.1	96.2	90	68	20.1	96.3	1,527	20.9
1986	16	14.7	67.4	22	18.5	85.2	35	20.7	95.0	67	21.1	96.8	82	65	21.1	96.8	1,691	21.8
1987	23	18.0	79.5	28	20.0	88.6	41	21.5	95.4	72	21.9	97.0	97	74	21.9	97.1	1,981	22.6
1988	21	18.5	79.3	28	20.6	88.7	41	22.1	95.1	71	22.5	96.6	98	77	22.5	96.7	2,030	23.3
1989	20	18.1	79.2	27	20.2	88.2	41	21.7	94.7	71	22.0	96.1	91	70	22.0	96.2	1,979	22.9
1990	24	18.3	79.3	28	20.5	88.7	41	22.1	96.0	71	22.4	97.1	81	60	22.4	97.1	1,988	23.1
1991	22	18.5	78.7	26	20.4	87.1	38	22.4	95.3	69	22.8	97.2	90	70	22.8	97.3	1,958	23.5
1992	22	19.4	81.4	26	21.5	90.0	38	23.0	96.4	69	23.2	97.2	69	50	23.2	97.2	2,163	23.8
1993	20	19.8	82.7	25	21.8	90.7	37	23.0	96.0	NA	NA	NA	62	45	23.1	96.4	2,236	24.0
1994	21	21.3	85.7	26	23.0	92.5	38	24.1	97.1	NA	NA	NA	57	39	24.2	97.5	2,340	24.8
1995	21	22.1	84.3	25	23.8	90.9	37	25.3	96.7	NA	NA	NA	55	38	25.4	97.0	2,208	26.2
1996	21	22.4	82.3	26	24.6	90.4	41	26.6	97.9	NA	NA	NA	63	42	26.8	98.4	2,061	27.2
1997	21	22.0	82.6	26	24.2	90.8	38	26.1	97.9	70	26.4	98.8	72	52	26.4	98.8	2,088	26.7
1998	21	22.4	84.2	27	24.5	92.4	39	26.0	98.0	NA	NA	NA	64	44	26.2	98.5	2,108	26.6
1999	20	23.0	84.3	26	25.3	92.6	39	26.9	98.5	NA	NA	NA	61	42	27.0	98.8	2,076	27.3
2000	21	23.7	84.7	27	26.1	93.3	40	27.7	99.1	NA	NA	NA	62	41	27.8	99.4	2,082	28.0
2001	21	23.1	84.0	27	25.4	92.4	40	27.0	98.2	NA	NA	NA	63	42	27.1	98.5	2,025	27.5
2002	21	22.6	82.9	28	25.6	93.7	41	26.9	98.4	NA	NA	NA	63	41	26.9	98.6	1,975	27.3

NA denotes data not applicable because there were fewer than 50 firms. Mil. denotes millions.

¹ May include processing plants that do not slaughter.

² Conc. equals concentration, which is the percentage of total boxed beef production accounted for by the firms included in the stated size group. Numerator values are for firms' reporting years.

³ Share equals percentage of total U.S. boxed beef production. Numerator values are for firms' reporting years.

⁴ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total U.S. boxed beef production.

⁵ Includes all U.S. production during the calendar year by slaughtering and nonslaughtering fabricators, but not retail stores.

(GIPSA-SR-04-1)

Table 34.—Livestock purchase concentration: 4, 8, 20, and 50 largest¹ firms, reporting slaughter packers, selected reporting years, 1980–2002

Year	Top 4 firms			Top 8 firms			Top 20 firms			Top 50 firms			All reporting firms					Total U.S. purc. ⁷
	Plants ²	Purc. ³	Conc. ⁴	Plants ²	Purc. ³	Conc. ⁴	Plants ²	Purc. ³	Conc. ⁴	Plants ²	Purc. ³	Conc. ⁴	Plants ²	Firms	Purc. ³	Share ⁵	HHI ⁶	
	<u>No.</u>	<u>Bil. dol.</u>	<u>Pct.</u>	<u>No.</u>	<u>Bil. dol.</u>	<u>Pct.</u>	<u>No.</u>	<u>Bil. dol.</u>	<u>Pct.</u>	<u>No.</u>	<u>Bil. dol.</u>	<u>Pct.</u>	- - <u>No.</u> - -		<u>Bil. dol.</u>	<u>Pct.</u>	<u>Index</u>	<u>Bil. dol.</u>
1980	47	8.3	25.5	74	13.0	40.0	110	17.2	53.0	163	21.2	65.3	983	810	30.1	92.6	285	32.5
1984	40	11.3	33.5	61	14.8	43.8	106	20.3	59.9	181	24.9	73.5	882	674	31.7	93.6	447	33.8
1985	37	11.0	34.0	51	14.3	44.1	103	20.4	63.0	176	25.2	77.9	817	615	30.8	95.0	464	32.4
1986	35	11.8	37.0	49	15.1	47.6	95	20.7	65.2	156	25.1	78.8	751	555	30.1	94.7	523	31.8
1987	50	16.4	47.3	71	19.4	56.0	102	24.2	69.8	156	28.2	81.4	737	144	33.2	95.8	759	34.7
1988	47	17.7	49.1	71	21.0	58.1	98	25.5	70.6	150	29.6	82.0	720	537	34.7	96.0	825	36.1
1989	45	18.7	51.2	66	21.9	60.0	92	26.0	71.1	138	30.1	82.3	650	508	34.7	94.8	869	36.6
1990	46	20.5	53.1	65	24.0	62.0	92	28.4	73.5	131	32.8	84.7	629	497	36.8	95.2	942	38.7
1991	43	21.3	54.9	60	24.6	63.5	83	29.2	75.5	119	33.3	85.9	594	468	36.9	95.2	1,006	38.7
1992	46	22.7	59.4	58	25.6	67.0	83	29.7	77.6	121	33.5	87.5	573	437	36.6	95.6	1,176	38.3
1993	48	24.9	62.9	60	27.9	70.3	83	31.6	79.8	120	35.1	88.6	535	407	37.8	95.4	1,239	39.6
1994	51	25.1	62.7	62	28.2	70.3	85	32.5	81.1	121	35.5	88.6	507	373	37.9	94.5	1,219	40.1
1995	49	23.0	62.1	58	25.9	69.9	78	29.7	80.2	115	32.9	88.8	492	360	35.2	94.9	1,209	37.1
1996	49	22.9	62.2	62	26.3	71.4	77	30.0	81.3	122	33.1	89.8	481	348	35.2	95.5	1,214	36.8
1997	49	23.7	61.0	62	28.4	72.9	76	32.0	82.3	119	35.1	90.3	444	331	37.2	95.6	1,170	38.9
1998	48	22.4	63.1	62	26.6	74.9	81	29.7	83.7	124	32.1	90.3	373	279	33.6	94.5	1,208	35.5
1999	44	22.5	65.8	57	26.2	76.4	75	29.2	85.1	112	31.5	91.9	357	267	32.9	96.0	1,316	34.3
2000	43	25.6	66.0	57	30.0	77.1	77	33.5	86.1	116	36.2	93.0	349	263	37.6	96.7	1,312	39.0
2001	40	26.2	64.8	54	30.8	76.2	72	34.7	86.0	117	37.6	93.1	343	256	39.0	96.7	1,278	40.5
2002	48	24.8	64.9	61	30.0	78.5	75	33.1	86.7	123	35.1	92.0	324	240	36.3	95.0	1,234	38.2

¹ Based on total amount spent for all livestock slaughtered.

² May include processing plants that do not slaughter.

³ Purc. equals livestock purchases.

⁴ Conc. equals concentration, which is the percentage of total commercial slaughter livestock value accounted for by the firms included in the stated size group.

⁵ Share equals percentage of total U.S. livestock purchases. Numerator values are for firms' reporting years.

⁶ HHI (Herfindahl-Hirschman Index) equals the sum of each firm's squared percentage share of total livestock purchases.

⁷ Total value of all livestock purchased for slaughter by reporting packers during their reporting years, plus the value of livestock slaughtered by nonreporting packers during the calendar year, based on reported average prices and weights.

Source: U.S. Department of Agriculture, Livestock Slaughter, Annual Summary, National Agricultural Statistics Service, MTAN 1-2-1, various issues; U.S. Department of Agriculture, Agricultural Prices, National Agricultural Statistics Service, various issues; and packer annual reports filed with GIPSA. (GIPSA-SR-04-1)

Table 35.—Sales, expenses, and operating income of 4, 8, 20, and 40 largest¹ meatpacking firms, 2002 reporting year

Item	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
	<u>Percent of sales</u>						
Net sales	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Cost of sales							
Livestock purchases	63.60	57.75	46.36	58.85	62.50	60.56	58.85
Total cost of sales	78.93	75.09	80.11	77.41	78.21	78.43	77.41
Gross income	21.07	24.91	19.89	22.59	21.79	21.57	22.59
Operating expenses: ²							
Manufacturing	11.87	11.08	7.59	11.02	11.71	11.23	11.02
Advertising & selling expenses	0.73	5.12	2.37	1.77	1.56	1.65	1.77
General & administrative	2.15	1.58	3.37	2.21	2.04	2.20	2.21
Depreciation & amortization	0.73	0.93	0.60	0.75	0.77	0.75	0.75
Interest	0.69	0.78	0.55	0.70	0.70	0.68	0.70
Other	3.09	3.47	2.25	3.88	3.16	3.05	3.88
Total operating expenses	19.26	23.64	16.72	20.44	20.08	19.68	20.44
Operating income (loss) ³	1.82	1.27	3.17	2.15	1.71	1.89	2.15

Note: Reported financial figures may include information on operations other than meat packing.

¹ Ranking determined by total amount spent for all livestock slaughtered.

² Total may not equal sum of the expense components because some firms did not report individual expense components.

³ Operating income (loss) equals gross income per dollar of sales minus total operating expenses per dollar of sales.

(GIPSA-SR-04-1)

Table 36.—Selected financial ratios for 4, 8, 20, and 40 largest¹ meatpacking firms, 2002 reporting year

Item	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
Net sales per \$ of assets	4.304	3.288	2.766	3.594	4.068	3.851	3.594
Net sales per \$ of equity	8.150	12.242	5.924	7.458	8.697	8.235	7.458
Gross income per \$ of sales	0.211	0.249	0.199	0.226	0.218	0.216	0.226
Gross income per \$ of assets	0.907	0.819	0.550	0.812	0.887	0.830	0.812
Gross income per \$ of equity	1.718	3.049	1.178	1.685	1.895	1.776	1.685
Total operating expenses per \$ of sales	0.193	0.236	0.167	0.204	0.201	0.197	0.204
Total operating expenses per \$ of assets	0.829	0.777	0.463	0.735	0.817	0.758	0.735
Total operating expenses per \$ of equity	1.570	2.893	0.991	1.525	1.746	1.620	1.525
Operating income per \$ of sales	0.018	0.013	0.032	0.022	0.017	0.019	0.022
Operating income per \$ of assets	0.078	0.042	0.088	0.077	0.070	0.073	0.077
Operating income per \$ of equity	0.148	0.156	0.188	0.160	0.149	0.156	0.160
Equity to asset ratio	0.528	0.269	0.467	0.482	0.468	0.468	0.482

Note: Reported financial figures may include information on operations other than meat packing.

¹ Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-04-1)

Table 37.—Gross income of 4, 8, 20, and 40 largest¹ meatpacking firms, 1992–2002 reporting years

Year	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
	<u>Percent of sales</u>						
1992	14.3	10.6	29.2	18.7	13.8	17.2	17.4
1993	12.5	26.7	22.1	16.1	14.8	16.2	16.2
1994	14.6	26.4	23.9	14.6	17.5	18.5	18.3
1995	17.5	32.2	24.0	19.0	19.8	20.9	20.7
1996	13.9	27.6	24.0	17.2	16.1	17.4	17.4
1997	14.8	25.7	22.9	14.1	17.3	18.2	18.0
1998	16.2	31.6	26.3	16.5	19.1	20.3	21.0
1999	18.3	36.5	25.5	19.9	21.7	22.3	22.2
2000	18.5	32.8	24.1	22.9	21.2	21.6	21.7
2001	20.1	32.5	25.8	19.1	22.4	22.8	22.5
2002	21.1	24.9	19.9	22.6	21.8	21.6	22.6

Note: Reported financial figures may include information on operations other than meat packing.

¹ Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-04-1)

Table 38.—Total operating expenses of 4, 8, 20, and 40 largest¹ meatpacking firms, 1992–2002 reporting years

Year	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
	<u>Percent of sales</u>						
1992	13.7	10.3	25.3	17.8	13.3	16.0	16.2
1993	11.9	24.4	19.3	15.7	13.9	14.9	15.0
1994	12.5	21.2	20.2	13.5	14.6	15.5	15.4
1995	14.2	28.3	19.0	17.3	16.4	17.0	17.1
1996	12.0	24.9	20.8	16.5	14.1	15.2	15.3
1997	13.8	23.1	19.1	13.2	15.7	16.3	16.1
1998	14.8	28.1	21.3	16.1	17.3	18.0	18.6
1999	16.0	32.6	21.5	18.9	19.1	19.5	19.4
2000	17.0	31.4	20.6	21.7	19.7	19.8	20.0
2001	19.1	31.8	22.0	16.5	21.3	21.4	21.0
2002	19.3	23.6	16.7	20.4	20.1	19.7	20.4

Note: Reported financial figures may include information on operations other than meat packing.

¹ Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-04-1)

Table 39.—Operating income of 4, 8, 20, and 40 largest¹ meatpacking firms, 1992–2002 reporting years

Year	1st–4th	5th–8th	9th–20th	21st–40th	Top 8	Top 20	Top 40
	<u>Percent of sales</u>						
1992	0.56	0.35	3.86	0.93	0.53	1.27	1.23
1993	0.68	2.30	2.80	0.38	0.94	1.29	1.21
1994	2.11	5.21	3.73	1.15	2.87	3.01	2.89
1995	3.33	3.91	5.05	1.67	3.43	3.83	3.69
1996	1.90	2.70	3.21	0.71	2.02	2.22	2.11
1997	1.22	2.63	3.72	0.85	1.53	1.90	1.83
1998	1.43	3.57	5.02	0.42	1.83	2.38	2.37
1999	2.35	3.86	3.98	1.09	2.63	2.86	2.75
2000	1.47	1.48	3.44	1.16	1.47	1.78	1.74
2001	1.07	0.78	3.87	2.58	1.02	1.42	1.51
2002	1.82	1.27	3.17	2.15	1.71	1.89	2.15

Note: Reported financial figures may include information on operations other than meat packing.

¹ Ranking determined by total amount spent for all livestock slaughtered.

(GIPSA-SR-04-1)

PART II. LIVESTOCK MARKETING

Table 40.—Reported volume and value of marketings of slaughter and nonslaughter classes of livestock through firms selling on commission¹,
by region and State, 2002

State and region ²	Cattle ³ and calves	Hogs	Sheep and lambs	Value of livestock
	- - - - -	<u>Thous. head</u>	- - - - -	<u>Thous. dol.</u>
New England ⁴	134	6	23	32,880
New Jersey	21	5	18	9,404
New York	462	11	24	148,715
Pennsylvania	594	167	206	276,828
North Atlantic	1,211	189	271	467,827
Illinois	403	644	60	299,059
Indiana	300	688	59	174,746
Michigan	266	31	63	164,548
Ohio	357	221	100	214,146
Wisconsin	950	42	56	430,074
East North Central	2,277	1,006	338	1,282,574
Iowa	1,603	708	143	1,035,247
Kansas	1,758	61	56	954,399
Minnesota	919	1,704	105	722,342
Missouri	2,927	389	73	1,465,378
Nebraska	2,036	526	46	1,161,738
North Dakota	783	6	32	430,993
South Dakota	3,043	902	421	1,883,193
West North Central	13,069	4,295	877	7,653,290
Delaware and Maryland	76	25	25	31,312
Florida	483	28	11	165,683
Georgia	620	42	65	248,054
North Carolina	368	306	30	143,191
South Carolina	175	37	147	75,418
Virginia	623	8	66	249,493
West Virginia	105	3	13	46,222
South Atlantic	2,450	449	357	959,373

See footnotes at end of table.

Continued—

Table 40.—Reported volume and value of marketings of slaughter and nonslaughter classes of livestock through firms selling on commission¹,
by region and State, 2002—continued

State and region ²	Cattle ³ and calves	Hogs	Sheep and lambs	Value of livestock
	- - - - -	<u>Thous. head</u>	- - - - -	<u>Thous. dol.</u>
Alabama	755	9	43	289,396
Arkansas	594	14	27	251,267
Kentucky	1,005	49	52	441,025
Louisiana	336	25	22	125,007
Mississippi	552	15	35	217,726
Tennessee	948	22	66	390,356
South Central	4,190	134	245	1,714,777
Oklahoma	3,248	35	74	1,540,587
Texas	4,742	55	1,420	1,953,804
Southern Plains	7,990	90	1,494	3,494,391
Arizona	191	3	13	68,102
Colorado	2,180	31	105	1,062,038
Idaho	462	35	131	259,432
Montana	650	217	87	379,669
Nevada	49	1	5	20,825
New Mexico	333	0	5	152,737
Utah	202	4	31	95,617
Wyoming	503	0	27	249,397
Mountain	4,570	291	404	2,287,817
California	1,422	50	142	719,838
Oregon	282	4	28	131,067
Washington	244	6	17	115,487
Pacific	1,948	60	187	966,392
48 State Total	37,704	6,514	4,172	18,826,441

¹ Includes all auctions, terminal markets, video auctions, and country commission firms. A country commission firm is a market agency selling on commission that does not operate an auction or terminal market.

² Location of public markets. Livestock sold through a market in one State or region may move to other States or regions for further feeding, breeding, or slaughter.

³ Cattle includes steers, heifers, cows, and bulls.

⁴ Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

(GIPSA-SR-04-1)

Table 41.—Slaughter and nonslaughter livestock purchases, by reporting dealers and order buyers¹, by region and State, 2002

State and region ²	Value of livestock ³			Volume of purchases		
	Bought on commission	Bought for own account	Total	Cattle ⁴ and calves	Hogs	Sheep and lambs
	- - - - - <u>Thousand dollars</u> - - - - -			- - - - - <u>Thousand head</u> - - - - -		
New England ⁵	1,373	34,007	35,380	125	10	8
New Jersey	0	13,667	13,667	1	230	6
New York	13,636	103,173	116,809	464	10	13
Pennsylvania	52,561	222,345	274,906	674	324	270
North Atlantic	67,570	373,192	440,762	1,264	574	297
Illinois	122,325	353,249	475,574	474	2,733	32
Indiana	18,546	586,539	605,086	980	927	54
Michigan	64,455	239,271	303,726	451	1,053	46
Ohio	22,317	499,228	521,544	683	1,705	97
Wisconsin	67,150	408,101	475,250	959	269	55
East North Central	294,792	2,086,388	2,381,181	3,547	6,687	284
Iowa	243,496	995,101	1,238,508	1,676	3,817	279
Kansas	357,104	417,075	774,179	1,459	168	46
Minnesota	683,769	600,174	1,283,943	2,045	2,490	197
Missouri	172,293	459,293	631,586	1,506	969	37
Nebraska	441,640	666,834	1,108,474	1,655	2,000	99
North Dakota	189,511	207,930	397,440	744	7	21
South Dakota	501,785	625,264	1,127,049	1,709	1,623	179
West North Central	2,589,599	3,971,580	6,561,179	10,794	11,074	859
Delaware and Maryland	1,610	16,757	18,367	32	31	8
Florida	44,933	103,565	148,498	444	2	7
Georgia	75,852	108,421	184,273	482	82	6
North Carolina	22,730	92,338	115,068	204	363	24
South Carolina	38,949	85,972	124,921	330	43	12
Virginia	17,853	109,381	127,234	329	16	2
West Virginia	5,495	49,522	55,017	131	4	50
South Atlantic	207,422	565,956	773,378	1,952	541	109

See footnotes at end of table.

Continued—

Table 41.—Slaughter and nonslaughter livestock purchases, by reporting dealers and order buyers¹, by region and State, 2002—continued

State and region ²	Value of livestock ³			Volume of purchases		
	Bought on commission	Bought for own account	Total	Cattle ⁴ and calves	Hogs	Sheep and lambs
	- - - - - <u>Thousand dollars</u> - - - - -			- - - - - <u>Thousand head</u> - - - - -		
Alabama	66,908	149,015	215,923	555	14	3
Arkansas	10,716	113,927	124,643	341	4	1
Kentucky	157,614	544,165	701,779	1,585	29	1
Louisiana	22,614	29,260	51,874	174	3	4
Mississippi	69,891	244,819	314,710	962	0	0
Tennessee	33,733	334,821	368,554	798	270	102
South Central	361,476	1,416,007	1,777,483	4,415	320	111
Oklahoma	301,739	500,267	802,006	1,899	46	0
Texas	263,763	1,224,973	1,488,736	3,407	147	623
Southern Plains	565,502	1,725,240	2,290,742	5,306	193	623
Arizona	16,229	63,057	79,286	162	0	42
Colorado	119,860	245,699	365,559	729	2	67
Idaho	118,743	207,824	326,567	633	9	107
Montana	105,757	428,365	534,122	1,062	62	176
Nevada	5,516	14,384	19,900	44	0	0
New Mexico	15,938	22,352	38,290	95	0	30
Utah	20,057	90,915	110,972	217	0	71
Wyoming	65,273	97,318	162,591	307	0	37
Mountain	467,373	1,169,914	1,637,287	3,249	73	530
California	89,861	341,154	431,015	9,772	23	67
Oregon	27,501	72,858	100,359	215	1	30
Washington	25,249	46,044	71,293	142	1	15
Pacific	142,611	460,056	602,667	1,334	25	112
48 State Total	4,696,345	11,768,333	16,464,678	31,860	19,487	2,925

¹ Dealers purchase livestock for resale on their own accounts. Order buyers purchase on a commission basis for others.

² Location of business addresses of dealers and order buyers. Total volume is allocated to one State even though firms can operate in more than one State.

³ May include other species.

⁴ Cattle includes steers, heifers, cows, and bulls.

⁵ Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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Table 42.—Reported volume and value of marketings by firms selling on commission¹ and by reporting dealers and order buyers²,
1995–2002

Item	1995	1996	1997	1998	1999	2000	2001	2002
Livestock marketed through firms selling on commission	<u>Thousand head</u>							
Cattle ³ and calves	40,407	42,234	39,162	38,477	41,112	39,539	39,181	37,704
Hogs	13,386	10,657	8,862	11,049	8,369	7,735	7,820	6,514
Sheep and lambs	4,625	5,735	3,973	4,340	4,397	3,941	4,074	4,172
	<u>Thousand dollars</u>							
Value of livestock	17,995,926	14,946,597	17,914,993	16,613,450	18,394,231	20,054,704	20,783,377	18,826,441
Livestock purchases by dealers and order buyers	<u>Thousand head</u>							
Cattle ³ and calves	30,344	33,349	37,619	30,743	34,586	36,307	33,072	31,860
Hogs	28,233	25,614	20,915	19,745	21,164	18,618	18,917	19,487
Sheep and lambs	4,003	4,198	3,992	2,702	3,369	3,292	3,331	2,925
Value of Livestock:	<u>Thousand dollars</u>							
Bought on commission	3,800,874	3,602,232	4,675,456	4,974,352	3,958,366	4,814,121	4,592,317	4,696,345
Bought for own account	12,460,890	11,155,572	13,083,692	10,792,972	12,501,792	14,025,328	13,779,144	11,768,333
Total	16,261,764	14,757,804	17,759,148	15,767,324	16,460,157	18,839,450	18,371,461	16,464,678

¹ Includes all auctions, terminal markets, video auctions, and country commission firms. A country commission firm is a market agency selling on commission that does not operate an auction or terminal market.

² Dealers purchase livestock for resale for their own accounts. Order buyers purchase on a commission basis for others.

³ Cattle includes steers, heifers, cows, and bulls.

(GIPSA-SR-04-1)

**PART III. ENTITIES REGISTERED WITH THE GRAIN INSPECTION,
PACKERS AND STOCKYARDS ADMINISTRATION**

Table 43.—Bonded packers, posted stockyards, and entities registered with GIPSA, as of September 30, 2003

State and region	Bonded packers ¹	Posted stockyards ²	Entities registered with GIPSA				Total registrants
			Bonded dealers and market agencies ³			Packer buyers ⁵	
			SOC only	SOC and BOC or dealer	Dealer and/or BOC ⁴		
			Number				
Connecticut	0	2	0	2	5	5	12
Maine	1	3	0	1	13	6	20
Massachusetts	2	4	3	1	12	3	19
New Hampshire	0	0	0	0	12	0	12
New Jersey	13	5	3	3	8	19	33
New York	13	26	11	17	140	25	193
Pennsylvania	31	39	27	16	149	95	287
Rhode Island	1	0	0	0	1	0	1
Vermont	2	5	3	3	51	6	63
North Atlantic	63	84	47	43	391	159	640
Illinois	17	37	24	21	166	155	366
Indiana	4	29	18	14	87	102	221
Michigan	6	23	9	19	41	36	105
Ohio	27	32	20	24	111	65	220
Wisconsin	14	29	14	32	279	66	391
East North Central	68	150	85	110	684	424	1,303
Iowa	11	78	31	39	317	468	855
Kansas	8	60	35	18	190	60	303
Minnesota	7	33	19	21	157	120	317
Missouri	7	108	55	32	170	74	331
Nebraska	7	55	19	42	242	169	472
North Dakota	3	17	11	7	77	11	106
South Dakota	4	47	19	34	175	69	297
West North Central	47	398	189	193	1,328	971	2,681
Delaware	0	2	2	0	1	0	3
Florida	9	16	16	5	56	19	96
Georgia	8	52	32	19	91	34	176
Maryland	4	7	4	3	23	11	41
North Carolina	14	29	24	9	49	38	120
South Carolina	5	29	24	6	25	20	75
Virginia	5	31	19	16	83	23	141
West Virginia	2	13	9	6	30	2	47
South Atlantic	47	179	130	64	358	147	699

See footnotes at end of table.

Continued—

Table 43.—Bonded packers, posted stockyards, and entities registered with GIPSA, as of September 30, 2003—continued

State and region	Bonded packers ¹	Posted stockyards ²	Entities registered with GIPSA				
			Bonded dealers and market agencies ³			Packer buyers ⁵	Total registrants
			SOC only	SOC and BOC or dealer	Dealer and/or BOC ⁴		
			Number				
Alabama	4	32	18	19	79	10	126
Arkansas	3	38	21	23	52	24	120
Kentucky	3	42	26	15	108	25	174
Louisiana	5	17	12	9	30	18	69
Mississippi	3	33	20	15	57	20	112
Tennessee	7	43	30	25	124	31	210
South Central	25	205	127	106	450	128	811
Oklahoma	3	65	56	25	150	20	251
Texas	26	177	110	55	310	42	517
Southern Plains	29	242	166	80	460	62	768
Arizona	0	6	6	4	17	6	33
Colorado	4	22	18	21	104	29	172
Idaho	4	16	9	11	162	22	204
Montana	3	15	15	14	242	8	279
Nevada	0	2	4	1	17	0	22
New Mexico	1	15	5	11	42	5	63
Utah	2	9	6	8	81	5	100
Wyoming	1	9	9	4	62	3	78
Mountain	15	94	72	74	727	78	951
California	28	49	29	29	125	59	242
Oregon	2	15	7	10	73	5	95
Washington	7	13	6	6	71	11	94
Pacific	37	77	42	45	269	75	431
Alaska	0	0	0	0	0	0	0
Hawaii	4	0	1	0	0	6	7
United States	335	14,290	859	715	4,667	2,050	8,291
Canada	3	0	0	1	8	1	10

¹ Packers, dealers, market agencies, and packer buyers are required to be bonded based on the volume of their livestock purchases. Subsidiaries or other separate operating units of merged firms may hold separate bonds. Number of bonded packers represents total number of bonded entities, so the number of bonded packers may be larger than number of firms as a result of individual bonding of subsidiaries.

² Includes terminal and auction markets located at stockyards. Excludes video and electronic auctions that are not operated at stockyards.

³ SOC equals market agencies selling on commission; BOC equals market agencies buying on commission. Market agency includes any person engaged in the business of: Buying or selling in commerce livestock on a commission basis, or furnishing stockyard services. A market agency is defined as any person engaged in the business of (1) buying or selling in commerce livestock on a commission basis or (2) furnishing stockyard services.

⁴ Includes firms that provide clearing services. These firms provide bond coverage for dealers and market agencies buying on commission.

⁵ Individual buyers employed by bonded packers; they are required to be registered with GIPSA.

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Table 44.—Bonded packers, posted stockyards, entities registered with GIPSA, and bond coverage, 1993–2003

Item	September 30—										
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Entities registered with GIPSA: ¹											
Bonded dealers and market agencies ²						<u>Number</u>					
SOC only—	921	897	902	899	890	884	913	876	859	860	859
SOC and BOC or dealer	880	868	881	853	823	791	787	732	716	684	716
Dealer and/or BOC ³	5,383	5,397	5,293	5,236	5,190	5,015	4,877	4,772	4,675	4,480	4,675
Packer buyers ⁴	2,071	2,213	2,042	2,167	2,113	2,054	2,044	2,039	2,051	2,064	2,051
Total registrants	9,255	9,375	9,118	9,155	9,016	8,744	8,621	8,419	8,301	8,088	8,301
Bonded packers ⁵	517	486	467	430	427	399	386	359	338	335	338
Posted stockyards ⁶	1,617	1,620	1,589	1,560	1,574	1,582	1,548	1,519	1,525	1,510	1,429
						<u>Million dollars</u>					
Clause one bonds ⁷	120.6	109.1	107.1	103.3	101.1	102.8	105.5	99.5	100.2	100.3	100.1
Clause two bonds ⁸	150.4	149.8	139.2	133.3	130.4	132.5	131.4	128.6	127.6	125.1	127.4
Clause two/three bonds ⁹	8.4	9.7	9.9	10.5	12.4	13.4	13.1	13.9	14.2	15.4	14.2
Clause four bonds ¹⁰	300.4	302.5	300.5	377.4	387.2	304.5	301.3	300.4	318.2	332.6	318.0

¹ Beginning in 1998, includes registrants operating in Canada.

² SOC equals market agencies selling on commission; BOC equals market agencies buying on commission. A market agency is defined as any person engaged in the business of (1) buying or selling in commerce livestock on a commission basis or (2) furnishing stockyard services.

³ Includes firms that provide clearing services. These firms provide bond coverage for some dealers and market agencies buying on commission.

⁴ Individual buyers employed by bonded packers; they are required to be registered with GIPSA.

⁵ Packers, dealers, market agencies, and packer buyers are required to be bonded based on the volume of their livestock purchases. Subsidiaries or other separate operating units of merged firms may hold separate bonds. Number of bonded packers represents total number of bonded entities, so the number of bonded packers may be larger than number of firms as a result of separate bonding of subsidiaries.

⁶ Includes terminal and auction markets located at stockyards. Excludes video/electronic auctions that are not operated at a stockyard. Historical data revised from past issues.

⁷ Cover selling-on-commission transactions.

⁸ Cover buying-on-commission and dealer transactions.

⁹ Cover buying-on-commission, dealer, and clearing-services (bond coverage for another's livestock purchases) transactions.

¹⁰ Cover packer livestock purchase transactions.

(GIPSA-SR-04-1)

